

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
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Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
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Custom engineering
so your equipment works exactly as you specify.

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Expert team | Trust guarantee | 100% satisfaction

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The Wayback Machine - https://web.archive.org/web/19990221113440/http://www.photomet.com:80/cameras/PXL.html



Photometrics PXL®

The PXL* family of modular HCCD cameras is designed to deliver high-speed, high-resolution image capture with exceptional low-noise and high dynamic range imaging. The PXL allows a user to change more parameters within the system configuration than any other Photometrics camera. The unique modular architecture of the PXL provides a cost-effective alternative to the purchase of multiple camera systems.

Wide Selection of Fast CCDs

To provide solutions to a variety of imaging requirements, PXL offers a wide selection of digitizers and CCDs. The PXL architecture supports fast CCDs, frame transfer CCDs, CCDs with multiple readout ports, and large format CCDs. In addition, this powerful imaging system delivers readout rates from 16 bits at 200,000 pixels per second to 12 bits at 2 million pixels per second. The digitizers on the PXL support variable readout rates allowing the user to balance readout speed and read noise.

Flexible Modular Architecture

The modular PXL architecture also provides considerable flexibility in configuring an imaging system. With multiple camera head support, your camera can be set up to meet specific application requirements. Select the CCD, computer interface, and software that you need today, then upgrade the system when your needs change. For example, it is possible to purchase a complete PXL HCCD camera system for high-definition imaging and then simply add a frame transfer CCD camera head for use in higher frame rate applications.

Multiple Readout Speeds and Multiple Detection Modes

The PXL operates in multiple speed and detection modes allowing the user to easily change gain, region of interest, binning, and readout speed. The flexible speed-to-performance tradeoff is a feature of the PXL software control that tailors the camera's performance to an application's specific needs.

PXL Delivers:

- Flexibility to meet your needs with
  -Multiple digitizers with readout rates ranging from 16 bits at 200 kilopixels to 12 bits at 2 million pixels per second
  -Complete selection of CCDs (512 x 512 to 4096 x 4096)
  -Custom configurations
- C- or F-mount option with an integrated, high-speed shutter
- Liquid cooling to -25°C in standard camera head
- TTL interface to coordinate with other equipment
- PCI, ISA, or SCSI to support PC, Macintosh, Sun, or Silicon Graphics platforms

PXL...Fast and Flexible HCCD Imaging



email us for more info

*US Patents: 5,493,332; 5,386,230; 5,393,931; 5,515,329; 5,371,470

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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